

IN THE SPECIFICATION

Please accept the following abstract in rewritten "clean form".

ABSTRACT

B1
An asymmetric supercapacitor has a positive electrode having a current collector an active material selected from the group consisting of manganese dioxide, silver oxide, iron sulfide and mixtures thereof, a negative electrode having a carbonaceous active material carbon and optional current collector, an electrolyte, and a separator plate. In a preferred embodiment at least one of the electrodes has nanostructured/nanofibrous material and in a more preferred embodiment, both electrodes have nanostructured/nanofibrous material. The electrolyte can be liquid or solid although liquid electrolytes are preferred.

The asymmetric supercapacitor has improved energy density by electrically coupling an electrode of high faradaic capacity such as one having manganese oxide (MnO₂) with an electrode such as carbon that stores charge through charge separation at the electric double-layer. The asymmetric supercapacitor also improves power density by using high surface area nanostructured/nanofibrous electrode materials.

IN THE CLAIMS:

Please cancel Claims 25-29 without prejudice.

REMARKS

Claims 1-29 are pending in the present application. Claims 25-29 have been cancelled in response to a Restriction Requirement, leaving Claims 1-24 for consideration upon entry of this amendment. The Abstract has been amended as discussed below. Reconsideration and allowance of the claims is respectfully requested in view of the above amendments and the following remarks.